

Jan. 1896.

Greenwich Observations of Comet.

135

Observations of Comet d 1895 (Brooks) made at the Royal Observatory, Greenwich.

(Communicated by the Astronomer Royal.)

The observations were made with the Sheepshanks Equatorial, aperture 6'7 inches by taking transits over two cross-wires at right angles to each other, and each inclined 45° to the parallel of declination. Magnifying power 55.

Greenwich Mean Solar Time,	Observer.	Log factor of Refraction.	Log factor of Parallax.	Corr. for N.P.D.	Corr. for Parallax.	No. of Comps.	Apparent R.A.	Apparent N.P.D.	Comp. Star.
1895. Dec. 15 15	10 36 21 A. C. 10 39 4 ,	+ 1 27 85 - 2 15 8	+ 0.01 - 0.0	9.6430 9.6350	- 3 51 3 + 4 36 0	- 0.1 + 0.1	0.0776 0.0893	6 20 30 98 6 20 29 26	25 58 49 1 25 58 40 4
									<i>a</i>
									<i>b</i>

Notes.

The observations are corrected for refraction but not for parallax. They are also corrected for the error of inclination of the wires and for the motion of the comet.

The comet was a large, faint, diffused nebulosity, without nucleus, and difficult to observe.
The initials A.C. are those of Mr. Crommelin.

Comparison Stars.

Star's Name.	Assumed R.A. 1895.	Assumed N.P.D. 1895.	Authority.
<i>a</i> B.D. + 63°, No. 647	6 18 53.72	6 26 2 43.7	Equatorial comparison with star <i>c</i> .
<i>b</i> B.D. + 64°, No. 590	6 22 21.41	25 54 6.9	Helsingfors Gotha Ast. Gosell Catalogue.
<i>c</i> O.A. (N.), 6995	6 27 55.33	26 3 51.1	" " "

Royal Observatory, Greenwich:
1896 January 7.

Observations of Occultations of Stars by the Moon and of Phenomena of Jupiter's Satellites made at the Royal Observatory, Greenwich, in the year 1895.

(Communicated by the Astronomer Royal.)

Occultations of Stars by the Moon.

Day.	Phenomenon.	Telescope.	Power.	Moon's Limb.	Mean Solar Time of Observation. h m s	Observer.
Feb. 6 1895	Disapp. 49 Aurigæ	Sheepshanks Equat.	100	Dark	5 48 58.99	P.
6	," 49 Aurigæ	Altazimuth	100	,"	5 48 58.52	C. D.
May 4	," τ Leonis	Sheepshanks Equat.	120	,"	7 49 40.6*	H.
4	," τ Leonis	Astrographic Guid. Tel.	120	,"	7 49 40.74	C. D.
4	," W.B. XI, 349	Sheepshanks Equat.	100	,"	7 51 46.17	H.
4	," W.B. XI, 349	Astrographic Guid. Tel.	120	,"	7 51 46.20	C. D.
4	," W.B. XI, 365	Sheepshanks Equat.	100	,"	8 8 20.35	H.
4	," W.B. XI, 365	Astrographic Guid. Tel.	120	,"	8 8 20.77	C. D.
4	," W.B. XI, 372	," "	225	,"	8 28 58.77	"
9	Reapp. π Scorpii	Sheepshanks Equat.	120	,"	11 14 35.20	A. C.
11 (a)	Disapp. γ¹ Sagittarii	," "	120	Bright	15 10 38.84	H.
June 6 (b)	," τ Scorpii	Astrographic Guid. Tel.	225	,"	10 43 36.25	II. F.
6 (c)	Reapp. τ Scorpii	," "	225	,"	10 58 46.85	"
26	Disapp. Regulus	Altazimuth	100	Dark	8 4 2.75	H.
26	," Regulus	Sheepshanks Equat.	120	,"	8 4 3.25	A. C.
26	Reapp. Regulus	Altazimuth	100	Bright	8 54 58.21	H.